Amendments to the Claims:

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Please amend the claims as follows:

 (Currently amended) A power converter [provided with a
voltage conversion circuit that receives an input voltage and converts the
input voltage into an operating voltage to be used to drive an electric load,
and with a detection circuit that detects an insulation resistance on the
output side of the voltage conversion circuit, characterized by] comprising:
a voltage conversion circuit that receives an input voltage and
converts the input voltage into an operating voltage to be used to drive an
electric load;
a detection circuit that detects an insulation resistance on the output
side of the voltage conversion circuit; and
a control circuit that determines a set value of the operating voltage
and that sets the operating voltage at a time of degradation of the insulation
resistance detected by the detection circuit lower than the operating voltage
at a time of normal operation of the insulation resistance.

- 2. (Currently amended) The power converter according to claim 1, wherein [characterized in that] the control circuit sets the operating voltage in accordance with the detected insulation resistance so that the operating voltage remains below a controlled voltage determined by the insulation resistance.
- 3. (Currently amended) The power converter according to claim 2, wherein [characterized in that] the controlled voltage is expressed as a product of an inverse of a predetermined standard rate, which is indicated as a ratio of an insulation resistance to be ensured with respect to the operating voltage, and the detected insulation resistance.
- 4. (Currently amended) The power converter according to claim1, wherein [characterized in that]:

the control circuit sets the operating voltage within such a range

that an upper-limit value of the operating voltage is equal to a maximum voltage that can be output by the voltage conversion circuit, if the controlled voltage is higher than the maximum voltage;

)

the control circuit sets the operating voltage such that the operating voltage becomes equal to a minimum voltage that can be output by the voltage conversion circuit, if the controlled voltage is lower than the minimum voltage; and

the control circuit sets the operating voltage within such a range that the upper-limit value of the operating voltage becomes equal to the upper-limit voltage, if the controlled voltage is higher than the minimum voltage and lower than the maximum voltage.

5. (Currently amended) The power converter according to claim 4, wherein [characterized in that]:

the voltage conversion circuit can boost the input voltage; and the control circuit sets the operating voltage equal to the input voltage if the controlled voltage is lower than the input voltage.

- 6. (Currently amended) The power converter according to <u>claim</u> 1 [any one of claims 1 to 5], <u>wherein</u> [characterized in that] the voltage conversion circuit is provided with a non-insulated converter.
- 7. (Currently amended) The power converter according to <u>claim</u> 1 [any one of claims 1 to 5], <u>wherein</u> [characterized in that] the voltage conversion circuit is provided with an insulated converter that is constructed such that a transformer is provided between a power source and the electric load.
- 8. (Currently amended) A vehicle [having] comprising:
 a direct-current power unit that supplies the input voltage as a
 direct-current voltage; [,]

a power converter [according to any one of claims 1 to 5] which include a voltage conversion circuit that receives an input voltage and converts the input voltage into an operating voltage to be used to drive an

electric load, a detection circuit that detects an insulation resistance on the output side of the voltage conversion circuit, and a control circuit that determines a set value of the operating voltage and that sets the operating voltage at a time of degradation of the insulation resistance detected by the detection circuit lower than the operating voltage at a time of normal operation of the insulation resistance; [,] and

an alternating-current motor that is provided as the electric load and that can drive at least one wheel, [characterized in that]

wherein the power converter is provided between the voltage conversion circuit and the alternating-current motor, and further includes an inverter that performs power conversion between the operating voltage and an alternating voltage for drivingly controlling the alternating-current motor.

- 9. (Currently amended) <u>The vehicle</u> [The power converter] according to claim 8, <u>wherein</u> [characterized in that] the voltage conversion circuit can boost the input voltage.
- 10. (Currently amended) The vehicle [The power converter] according to claim 8 [or 9], wherein [characterized in that] the voltage conversion circuit is provided with a non-insulated converter.
- 11. (Currently amended) The vehicle [The power converter] according to claim 8 [or 9], wherein [characterized in that] the voltage conversion circuit is provided with an insulated converter that is constructed such that a transformer is provided between a power source and the electric load.